PATENT Atty. Dkt. No. APPM/4100.Y5(P1)/PPC/CMP/CKIM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:

Chen et al.

Patent No.: 7,066,800

Issued:

June 27, 2006

Serial No.: 10/033,732

Filed:

December 27, 2001

For:

CONDUCTIVE POLISHING

ARTICLE FOR

ELECTROCHEMICAL

MECHANICAL POLISHING

Certificate of Correction Branch Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Group Art Unit: 3723

Examiner:

David B. Thomas



CERTIFICATE OF MAILING

37 CFR 1.8

I hereby certify that this correspondence is being deposited on 7/2, 2006 with the United States Postal Service as First Class Mail in an envelope addressed to: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

7/11/06

Signature

REQUEST FOR CERTIFICATE OF CORRECTION

Attached is a Certificate of Correction for correcting several errors in the references, drawings, specification, and claims of the printed patent.

The omitted references were initialed by the examiner on February 2, 2004 in the Notice of Allowance dated February 11, 2004; on October 26, 2004 in the Supplemental Notice of Allowability dated October 28, 2004; and on August 1, 2005 in the Notice of Allowance dated August 5, 2005. Copies of the PTO-892s, PTO-1449s, and PTO/SB/08s showing the omitted references initialed by the examiner are attached.

97/14/2006 TBESHAH2 00000075 200782

The corrections to the drawings were proposed in the Proposed Amendment to the Drawings (submitted May 12, 2003 and received May 14, 2003). The corrections were approved in the Notice of Allowance dated July 15, 2003. The replacement drawing sheet was submitted in the Rule 312 Amendment after Allowance (submitted August 20, 2003 and received August 25, 2003). The

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amendment was approved and entered in the Notice of Allowance dated February 11, 2004. Copies of the above referenced correspondence are attached.

Applicants submit that at least one of the other errors mentioned above was made by the applicants. Therefore, please charge the fee of \$100.00 to deposit account no. 20-0782/APPM/4100.Y5(P1) (KMT).

Respectfully submitted,

Keith M. Tackett

Registration No. 32,008

PATTERSON & SHERIDAN, L.L.P. 3040 Post Oak Blvd. Suite 1500

Houston, TX 77056

Telephone: (713) 623-4844 Facsimile: (713) 623-4846

Agent for Applicant(s)

CERTIFICATE OF CORRECTION

PATENT NO.: 7,066,800

Page 1 of 11

APPLICATION NO.: 10/033,732

DATED: Jun. 27, 2006

INVENTOR(S): Liang-Yuh CHEN, Yuchun WANG, Yan WANG, Alain DUBOUST, Daniel A. CARL, Ralph

WADENSWEILER, Manoocher BIRANG, Paul D. BUTTERFIELD, Rashid MAVLIEV, Stan D. TSAI

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

On the Cover of the Patent

Item [56], References Cited, U.S. PATENT DOCUMENTS: Please include the following references:

6,585,579	7/2003	Jensen et al451/527	
6,572,463	6/2003	Xu et al451/526	
6,569,004	5/2003	Pham451/526	
6,561,889	5/2003	Xu et al451/526	
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6,261,959	7/2001	Travis et al 438/692	
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5,893,796	4/1999	Birang et al451/526	
5,257,478	11/1993	Hyde et al51/131.3	
4,713,149	12/1987	Hoshino204/23	
6,630,059	10/2003	Uzoh et al204/212	
6,471,847	10/2002	Talieh et al 205/147	
6,409,904	6/2002	Uzoh et al205/137	
6,328,872	12/2001	Talieh et al 205/206	

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CERTIFICATE OF CORRECTION

PATENT NO.: 7,066,800

Page 2 of 11

APPLICATION NO.: 10/033,732

DATED: Jun. 27, 2006

INVENTOR(S): Liang-Yuh CHEN, Yuchun WANG, Yan WANG, Alain DUBOUST, Daniel A. CARL, Ralph

WADENSWEILER, Manoocher BIRANG, Paul D. BUTTERFIELD, Rashid MAVLIEV, Stan D. TSAI

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

6,251,235 3,448,023 2002/0130634 2002/0088715 2002/0020621 2002/0011417 2001/0035354 2001/0042690 2002/119286 2001/0005667 1,601,642 1,927,162 2,112,691 2,240,265 2,392,687 2,431,065 2,451,341 2,453,481 2,454,935 2,456,185 2,457,510 2,458,676 2,461,556 2,473,290 2,477,808 2,479,323 2,480,022 2,490,055 2,495,695	6/2001 6/1969 9/2002 7/2002 2/2002 1/2002 11/2001 11/2001 8/2002 6/2001 9/1926 9/1933 3/1938 4/1941 1/1946 11/1947 10/1948 11/1948 11/1948 11/1949 2/1949 6/1949 8/1949 8/1949 8/1949 12/1949 1/1950	Talieh et al. 204/220 Bell 204/143 Ziemkowski et al. 320/106 Talieh et al. 205/157 Uzoh et al. 205/157 Uzoh et al. 205/157 Ashjaee et al. 205/103 Talieh 205/118 Chen et al. 205/118 Chen et al. Tolles et al. Parker Fiedler et al. Crowder Nachtman Nachtman Miller Jemstedt Wilson Miller Grube van Omum Brenner et al. Lorig Millard Jones Davis Hogaboom Hoff Camin et al.
, ,		•
2,500,205	3/1950	Shaefer
•		
2,500,206	3/1950	Schaefer et al.
2,503,863	4/1950	Bart
2,303,603	47 1950	Dail

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CERTIFICATE OF CORRECTION

PATENT NO.: 7,066,800 Page 3 of 11

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WADENSWEILER, Manoocher BIRANG, Paul D. BUTTERFIELD, Rashid MAVLIEV, Stan D. TSAI

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

2,506,794	5/1950	Kennedy et al.
2,509,304	5/1950	Klein
2,512,328	6/1950	Hays
2,517,907	8/1950	Mikulas
2,519,945	8/1950	Twele et al.
2,530,677	11/1950	Berkenkotter et al.
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2,675,348	4/1954	Greenspan
2,680,710	6/1954	Kenmore et al.
2,684,939	7/1654	Geese

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.

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO.: 7,066,800

Page 4 of 11

APPLICATION NO.: 10/033,732

DATED: Jun. 27, 2006

INVENTOR(S): Liang-Yuh CHEN, Yuchun WANG, Yan WANG, Alain DUBOUST, Daniel A. CARL, Ralph

WADENSWEILER, Manoocher BIRANG, Paul D. BUTTERFIELD, Rashid MAVLIEV, Stan D. TSAI

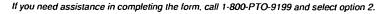
It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

2,689,215	9/1954	Bart
2,695,269	11/1954	de Witz et al.
2,696,859	12/1954	Somma
2,698,832	1/1955	Swanson
2,706,173	4/1955	Wells et al.
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4,523,411	6/1985	Freerks
4,704,511	11/1987	Miyano
4,752,371	6/1988	Kreisel et al.
4,772,361	9/1988	Dorsett et al.
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4,956,056	9/1990	Zubatova et al.
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5,328,716	7/1994	Buchanan
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Keith M. Tackett PATTERSON & SHERIDAN, L.L.P. 3040 Post Oak Blvd., Suite 1500 Houston, TX 77056-6582

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CERTIFICATE OF CORRECTION

PATENT NO.: 7,066,800 Page <u>5</u> of <u>11</u>

APPLICATION NO.: 10/033,732

DATED: Jun. 27, 2006

INVENTOR(S): Liang-Yuh CHEN, Yuchun WANG, Yan WANG, Alain DUBOUST, Daniel A. CARL, Ralph

WADENSWEILER, Manoocher BIRANG, Paul D. BUTTERFIELD, Rashid MAVLIEV, Stan D. TSAI

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

5,560,753	10/1996	Schnabel et al.
5,633,068	5/1997	Ryoke et al.
5,654,078	8/1997	Ferronato
5,702,811	12/1997	Ho et al.
5,738,574	4/1998	Tolles et al.
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2002/0123300	9/2002	Jones et al.
2002/0130049	9/2002	Chen et al.
2002/0146963	10/2002	Teetzel

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Keith M. Tackett PATTERSON & SHERIDAN, L.L.P. 3040 Post Oak Blvd., Suite 1500 Houston, TX 77056-6582

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(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO.: 7,066,800

Page 6 of 11

APPLICATION NO.: 10/033,732

DATED: Jun. 27, 2006

INVENTOR(S): Liang-Yuh CHEN, Yuchun WANG, Yan WANG, Alain DUBOUST, Daniel A. CARL, Ralph

WADENSWEILER, Manoocher BIRANG, Paul D. BUTTERFIELD, Rashid MAVLIEV, Stan D. TSAI

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

2002/0148732	10/2002	Emesh et al.
2003/0034131	2/2003	Park et al.
2003/0040188	2/2003	Hsu et al.
2003/0114087	6/2003	Duboust et al.
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6,413,388	7/2002	Uzoh et al.
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6,736,952 *	5/2004	Emesh et al 205/81
6,572,755 *	6/2003	Emesh et al 205/137

Item [56], References Cited, FOREIGN PATENT DOCUMENTS: Please include the following references:

WO 01/52307	7/2001	H01L
WO 01/13416	2/2001	H01L/21/288
WO 01/63018	8/2001	C25D/17/100
WO 01/71066	9/2001	C25D/7/12
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JP 61-079666	4/1986	
JP 61-265279	11/1986	
JP 63-028512	2/1988	

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PATENT NO.: 7,066,800

Page 7 of 11

APPLICATION NO.: 10/033,732

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WADENSWEILER, Manoocher BIRANG, Paul D. BUTTERFIELD, Rashid MAVLIEV, Stan D. TSAI

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

JP 05-277957	10/1993	
JP 10-006213	1/1998	
JP 2870537	3/1999	
JP 11-239961	7/1999	
JP 2000-218513	8/2000	
JP 2001-179611	7/2001	
JP 2001-244223	9/2001	
KR 2003-037158	5/2003	
WO 93/15879	8/1993	
WO 01/88229	11/2001	
WO 03/001581	1/2003	
JP 06-047678	2/1994	1
JP 11-216663	12/2000	,
WO 00/71297	11/2000	
JP 2002-334858	11/2002	

Item [56], References Cited, OTHER PUBLICATIONS: Please include the following references:

European Search Report for 03252801.0, dated January 16, 2004 (AMAT/7047.EP).

PCT Written Opinion dated April 1, 2003 for PCT/US02/11009. (4100 EP 02)

Notification of Transmittal of International Preliminary Examination Report dated November 10, 2003 (4100 EP 02)

European Search Report for 03252801.0, dated January 16, 2004 (7047 EP).

Communication pursuant to Article 96(2) EPC for Application No. 02728965.4, dated June 11, 2004 (4100 EP 02)

Copy of Search Report issued by the Austrian Patent Office for corresponding Singapore Patent Application No. 200302562-4, provided by letter dated October 7, 2004.

Invitation to pay additional fees dated November 11, 2004 (4100 P5 PCT)

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Page 8 of 11

APPLICATION NO.: 10/033,732

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WADENSWEILER, Manoocher BIRANG, Paul D. BUTTERFIELD, Rashid MAVLIEV, Stan D. TSAI

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Notification of Transmittal of International Search Report and Written Opinion dated February 21, 2005 (4100 PCT)

Notification of Transmittal of the International Search Report and Written Opinion dated Marcy 14, 2005 (4100 P5 PCT)

PCT International Search Report and Written Opinion dated April 28, 2005 for PCT/US04/037870. (AMAT/4100PC09)

Alexander, Jr., "Electrically Conductive Polymer Nanocomposite Materials", http://www.afrlhorizons.com/Briefs/Sept02/ML0206.html, Date Unknown

Contolini, "Electrochemical Planarization of ULSI Copper," Solid State Technology, Vol. 40, No. 6, June 1, 1997.

In the Drawings

Replace FIG. 2 with amended FIG. 2, copy attached

In the Specification

Column 4, Line 49: Before "inlet", change "a" to --an--

Column 6, Line 56: Change "electro polishing" to --electropolishing--

Column 9, Line 9: Change "aspects" to --aspect--

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO.: 7,066,800

Page 9 of 11

APPLICATION NO.: 10/033,732

DATED: Jun. 27, 2006

INVENTOR(S): Liang-Yuh CHEN, Yuchun WANG, Yan WANG, Alain DUBOUST, Daniel A. CARL, Ralph WADENSWEILER, Manoocher BIRANG, Paul D. BUTTERFIELD, Rashid MAVLIEV, Stan D. TSAI

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 9, Line 10: Change "comprises" to --comprise--

Column 10, Line 19: Before "article", change "a" to --an--

Column 11, Line 66: Before "article", change "a" to --an--

Column 14, Line 50: Change "perforation" to --perforations--

Column 15, Line 36: Change "10-cm" to --10 Ω-cm--

Column 15, Line 38: Change "1-cm" to --1 Ω-cm--

Column 15, Line 61: Change "pas" to --pad--

Column 16, Line 45: Change "pas" to --pad--

Column 16, Line 57: Before "biasing", change "the" to --The--

Column 16, Line 60: Change "ploymer" to --polymer--

Column 18, Line 44: Change "discreet" to --discrete--

Column 19, Line 39: Change "shone" to --shown--

Column 20, Line 14: After "pressure", delete "between"

Column 20, Line 29: Change "electro polishing" to --electropolishing--

Column 20, Line 31: Change "electro polishing" to --electropolishing--

Column 23, Line 30: After "urethane", change the comma to a period

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Keith M. Tackett PATTERSON & SHERIDAN, L.L.P. 3040 Post Oak Blvd., Suite 1500 Houston, TX 77056-6582

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CERTIFICATE OF CORRECTION

PATENT NO.: 7,066,800 Page <u>10</u> of <u>11</u>

APPLICATION NO.: 10/033,732

DATED: Jun. 27, 2006

INVENTOR(S): Liang-Yuh CHEN, Yuchun WANG, Yan WANG, Alain DUBOUST, Daniel A. CARL, Ralph

WADENSWEILER, Manoocher BIRANG, Paul D. BUTTERFIELD, Rashid MAVLIEV, Stan D. TSAI

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

In the Claims

Column 25, Claim 18, Line 65: Delete "conductive fillers include"

Column 26, Claim 24, Line 26: Change "and" to --or--

Column 26, Claim 25, Line 29: Change "and" to --or--

Column 26, Claim 29, Line 54: Delete "conductive fillers include"

Column 27, Claim 32, Line 3: After "least", insert --one--

Column 27, Claim 37, Lines 24-25: Delete "or combinations thereof"

Column 28, Claim 47, Line 10: Change "45" to --46--

Column 28, Claim 48, Line 13: Change "46" to --45--

Column 28, Claim 51, Line 32: Change "polycarbonete" to --polycarbonate--

Column 30, Claim 67, Line 9: After "article", delete --is--

Column 30, Claim 67, Line 18: After "surface", change the period to a semicolon

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Keith M. Tackett PATTERSON & SHERIDAN, L.L.P. 3040 Post Oak Blvd., Suite 1500 Houston, TX 77056-6582

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REPLACEMENT SHEET
AMAT/4100.P/CMP/CMP/RKK
10/033,732
DECEMBER 27, 2001
APPLIED MATERIALS, INC.

DKT. NO.: TIAL NO.:

CONFIRMATIC

APPLICANT: TITLE:

CONDUCTIVE POLISHING ARTICLE FOR ELECTROCHEMICAL MECHANICAL

POLISHING

SHEET 2 of 16

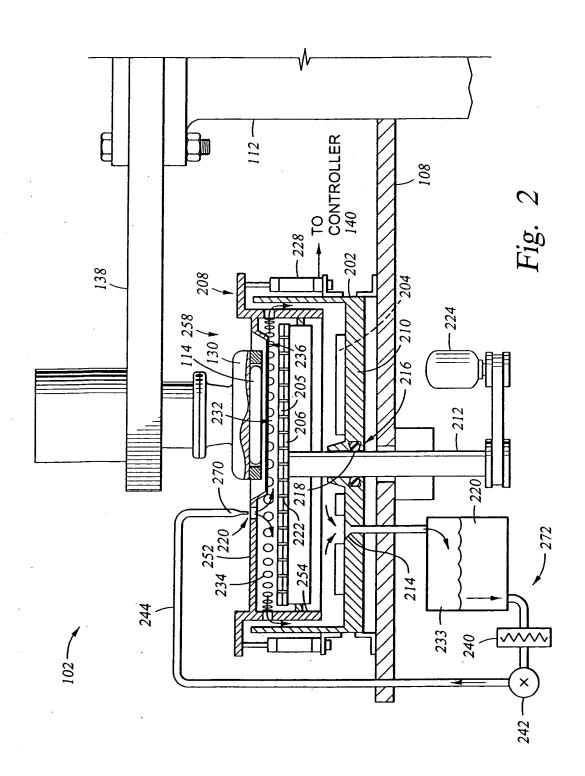
INVENTOR:

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CHEN, ET AL.

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UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

NOTICE OF AGLOWANCE AND FEE(S) DUE

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02/11/2004

APPLIED MATERIALS, INC. 2881 SCOTT BLVD. M/S 2061 SANTA CLARA, CA 95050

EXAMINER THOMAS, DAVID B

ART UNIT

PAPER NUMBER

3723

DATE MAILED: 02/11/2004

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. 10/033,732 12/27/2001 Liang-Yuh Chen

AMAT/4100.P1/CMP/CMP/RKK

CONFIRMATION NO.

7456

TITLE OF INVENTION: CONDUCTIVE POLISHING ARTICLE FOR ELECTROCHEMICAL MECHANICAL POLISHING

APPLN, TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE		
nonprovisional	NO	\$1330		TOTAL FEE(S) DUE	DATE DUE
	and the same of the same of	31550	\$300	\$1630	05/11/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT, PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

	Application No.	Applicant(s)		
Notice of Allered III	10/033,732	CHEN ET AL.	ΔΙ	
Notice of Allowability	Examiner	Art Unit		
	David B. Thomas	3723	:	
The MAILING DATE of this communication appears All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	or other appropriate commun GHTS. This application is su and MPEP 1308.	n the correspondence address- this application. If not included		
2. The allowed claim(s) is/are 29,31-40 and 42-99.	and the RCE liled 10/15/03.			
3. The drawings filed on are accepted by the Examiner				
 Acknowledgment is made of a claim for foreign priority unda) All b) Some* c) None of the: Certified copies of the priority documents have Certified copies of the priority documents have Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). 	been received. been received in Application I	No.	om the	
* Certified copies not received:				
Applicant has THREE MONTHS FROM THE "MAILING DATE" of noted below. Failure to timely comply will result in ABANDONME THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	f this communication to file a riNT of this application.	reply complying with the requiren	nents	
 A SUBSTITUTE OATH OR DECLARATION must be submitt INFORMAL PATENT APPLICATION (PTO-152) which gives 	ed. Note the attached EXAMI reason(s) why the oath or de	NER'S AMENDMENT or NOTICI claration is deficient.	∃ OF	
 CORRECTED DRAWINGS (as "replacement sheets") must l 	pe submitted.			
(a) ☐ including changes required by the Notice of Draftspersor	n's Patent Drawing Review (F	PTO-948) attached		
1) hereto or 2) to Paper No./Mail Date				
(b) ☐ including changes required by the attached Examiner's A Paper No./Mail Date				
Identifying indicia such as the application number (see 37 CFR 1.84 each sheet. Replacement sheet(s) should be labeled as such in the	header according to 37 CFR 1.	121(d).		
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ttachment(s) Notice of References Cited (PTO-892)	E D Nation () (
☐ Notice of Draftperson's Patent Drawing Review (PTO-948)	6. Interview Summ	al Patent Application (PTO-152)		
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☐ Examiner's Comment Regarding Requirement for Deposit	8. Examiner's State	ement of Reasons for Allowance		
of Biological Material	9. ☑ Other Rule 312 r			
	Superviso	eph J. Hail, III pry Patent Examiner (1) 15 15 15 15 15 15 15 15 15 15 15 15 15	o 200 5	

	Application No.	Applicant(s)	
Response to Rule 312 Communication	10/033,732 CHEN ET AL.		
	Examiner	Art Unit	
	David B. Thomas	3723	
The MAILING DATE of this communication a	appears on the cover she	et with the correspondence addres	s –
. ☑ The amendment filed on <u>25 August 2003</u> under 37 CFR a) ☐ entered.	R 1.312 has been considere	d, and has been:	
b) entered as directed to matters of form not affecting	g the scope of the invention		
c) disapproved because the amendment was filed after Any amendment filed after the date the issue fe and the required fee to withdraw the application	ter the payment of the issue	e fee	3(c)(1)
d) disapproved. See explanation below.			
e) entered in part. See explanation below.		•	
		Joseph J. Hail, III Supervisory Patent Examiner Technology Center 3700	

Jul 19 2006

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	Form 1449 modified) EMENTAL INFORMATION DISCLOSURE STATEMENT BY			CMP/E	/4100.`Y2/CMF RKK	2/ 10/033,732	
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			avid B. Thomas	JAN 2. 3 2004 5	Decem	ber 2.7, 2001	3723
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1357	A1	6,585,579	07/01/2003	Jensen et al,	451	527	07/13/2001
	A2	6,572,463	06/03/2003	Xu et al.	451	526	12/27/2000
	A3	6,569,004	05/27/2003	Pham .	451	526	12/30/1999
	.A4	6,561,889	05/13/2003	Xu et al.	451	526	12/27/2000
	A5	6,551,179	04/22/2003	Halley	451	285	11/03/2000
	A6	6,520,843	02/18/2003	Halley ·	451	285	10/26/2000
	A7	6,517,426	02/11/2003	Lee \	451	5237	04/05/2001
	A8	6,475,332	11/05/2002	Boyd et al.	156	345.12	10/05/2000
	A9	6,428,394	08/06/2002	Mooring et al.	451	- 	03/31/2000
	A10	6,406,363	06/18/2002	Xu et al.	451		08/31/1999
	A11	6,402,591	06/11/2002	Thornton .	451		03/31/2000
	A12	6,328,642	12/11/2001	Pant et al.	451		02/14/1997
	A13	6,261,959	07/17/2001	Travis, et al.	438		03/31/2000
	A14	6,261,168	07/17/2001	Jensen et al.	451		05/21/1999
	A15	6,033,293	03/07/2000	Crevasse et al.	451		10/08/1997
	A16	5,893,796	04/13/1999	Birang et al.	451	 	08/16/1996
	A17	5,257,478	11/2/1993	Hyde et al.	51	 	01/31/1992
DGT	A18	4,713,149	12/15/1987	Hoshino	204	 	11/21/1986
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	(PTO Form 1449 modified) SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY					AMAT/4100.Y2/CiviP/ CMP/RKK		7/ 10/033,	732
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DET	A1	6,630,059	10/07/2003	Uzoh, et al.	•	204	212	01/14/200	0
	A2	6,471,847	10/29/2002	Talieh, et al.		205	147	06/07/200	1
	АЗ	6,409,904	06/25/2002	Uzoh, et al.		205	137	08/13/199	9
	A4	6,328,872	12/11/2001	Talieh, et al.		205	206	04/03/1999	9
	A5	6,251,235	06/26/2001	Talieh, et al.		204	220	03/30/1999)
	A6	3,448,023	06/03/1969	Bell		204	143	01/20/1966	 }
	A7	3,162,588	12/22/1964	Bell		204	141	04/17/1961	
	A8	2002/0130634	09/19/2002	Ziemkowski, et a	ıl.	320	106	03/16/2001	
	A9	2002/0088715	07/11/2002	Talieh, et al.		205	157	03/05/2002	2
	A10	2002/0020621	02/21/2002	Uzoh, et al.		204	212	10/11/2001	
	A11	2002/0011417	01/31/2002	Talieh, et al.		205	157	08/28/2001	
	A12	2001/0035354	11/01/2001	Ashjaee, et al.		205	103	12/14/2000)
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APPLICATION NO.	FILING DATE TRADEME	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION N	
10/033,732	12/27/2001	Liang-Yuh Chen	AMAT/4100.P1/CMP/CMP/RK	K 7456	
·-	10/28/2004		EXAMI	NER	
APPLIED MATERIALS, INC. 2881 SCOTT BLVD. M/S 2061		•	THOMAS, DAVID B		
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Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)	
Supplemental	10/033,732	CHEN ET AL.	
Notice of Allowability	Examiner	Art Unit	
	David B. Thomas	3723	
The MAILING DATE of this communication appe	ars on the cover sheet wit	h the correspondence address-	•
All claims being allowable, PROSECUTION ON THE MERITS IS (herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGOT (The Office or upon petition by the applicant. See 37 CFR 1.313	OR REMAINS) CLOSED in or other appropriate communities. This application is s	this application. If not included	rea THIS
1. \boxtimes This communication is responsive to <u>the Rule 312 amendm</u>	ent filed September 9, 2004	<u>!</u> .	
2. The allowed claim(s) is/are 29+40,42,44,45 and 47-99.			
3. The drawings filed on are accepted by the Examiner.			
4. ☐ Acknowledgment is made of a claim for foreign priority und a) ☐ All b) ☐ Some* c) ☐ None of the:	der 35 U.S.C. § 119(a)-(d) o	r (f).	
1. Certified copies of the priority documents have I	been received.		
2. Certified copies of the priority documents have I	been received in Application	n No	
Copies of the certified copies of the priority docu			from the
International Bureau (PCT Rule 17.2(a)).		5	
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" of noted below. Failure to timely comply will result in ABANDONME THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	f this communication to file a NT of this application.	a reply complying with the require	ments
 A SUBSTITUTE OATH OR DECLARATION must be submitt INFORMAL PATENT APPLICATION (PTO-152) which gives 	ed. Note the attached EXAI reason(s) why the oath or o	MINER'S AMENDMENT or NOTIC declaration is deficient.	CE-OF
6. CORRECTED DRAWINGS (as "replacement sheets") must	be submitted.		
(a) including changes required by the Notice of Draftspersor		(PTO-948) attached	
1) hereto or 2) to Paper No./Mail Date	_	` ,	
(b) including changes required by the attached Examiner's A Paper No./Mail Date	Amendment / Comment or in	n the Office action of	
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 DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT FO 	OF BIOLOGICAL MATER	RIAL must be submitted. Note to OGICAL MATERIAL.	he
Attachment(s)			
. Notice of References Cited (PTO-892)		rmal Patent Application (PTO-152)
. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)	6. Interview Sum	nmary (PTO-413), ail Date	
 Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date <u>4/15/04</u> 	7. Examiner's Ar	nendment/Comment	
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David B. Thomas

Patent Examiner Art Unit: 3723 ·

of Biological Material

9. ☑ Other Rule 312 response.

	Application No.	Applicant(s)	
	10/033,732	CHEN ET AL.	
Response to Rule 312 Communication	Examiner	Art Unit	
	David B. Thomas	3723	
The MAILING DATE of this communication	appears on the cover sheet	with the correspondence addres	ss –
\boxtimes The amendment filed on <u>09 September 2004</u> under 37	CFR 1.312 has been conside	red, and has been:	
a) 🛛 entered.			
b) entered as directed to matters of form not affecting	ig the scope of the invention.		
c) disapproved because the amendment was filed a	fter the payment of the issue f	ee.	
Any amendment filed after the date the issue f	ee is paid must be accompani	ed by a petition under 37 CFR 1.3	13(c)(1)
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d) disapproved. See explanation below.			
e) entered in part. See explanation below.			

David B. Thomas Patent Examiner Art Unit: 3723

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Substitute for form 1449A/PTO

PTO/SB/08a (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

10/033,732

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

First Named Inventor
Group Art Unit

Filing Date

DECEMBER 27, 2001
CHEN, ET AL.
3723
DAVID B. THOMAS

(Use as many sheets as necessary)

Attorney Docket Number

Examiner Name

Application Number

AMAT/4100.Y2/CMP/CMP/RKK

Sheet 1 of 1 Submission Date April 12, 2004

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where			
Iniuais	NO.	Number-Kind Code ^{2 (4 known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear			
DST	A1	US-6,368,184 B1	04/09/2002	Beckage				
	A2	US-2002/119286 A1	08/29/2002	Chen, et al.				
137	A3	US-2001/0005667 A1	06/28/2001	Tolles, et al.				
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Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	T ⁶
Initials*	No.1	Country Code ³ -Number ⁴ -Kind Code ³ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages o Relevant Figures Appear	
)37 B1		EP 1 368 826 A1	12/10/2003	Applied Materials, Inc.		
N > ((Enclosed WO Patent 02/075804 A2 & A3)				
		NON PATE	NT LITERATURE	E DOCUMENTS	•	
Examiner Initials*	tem (book magazine jolimal serial symposium catalog etc.) date nage(s) yolijme-issije				age(s), volume-issue	T²
150	C1 Furging Sparch Report for 03252801.0 dated January 16, 2004					

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Examiner		Date Considered	10/26/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. I Applicant's unique citation designation number (optional), I See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Inter Office that Issued the document, by the two-letter code (WIPO Standard ST.3), I For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document, skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English tanguage Translation is attached.

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APPLIED MATERIALS, INC. 2881 SCOTT BLVD. M/S 2061 SANTA CLARA, CA 95050

EXAMINER THOMAS, DAVID B

PAPER NUMBER

ART UNIT 3723

DATE MAILED: 08/05/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/033,732	12/27/2001	Liang-Yuh Chen A	MAT/4100.P1/CMP/CMP/RK	CK 7456

TITLE OF INVENTION: CONDUCTIVE POLISHING ARTICLE FOR ELECTROCHEMICAL MECHANICAL POLISHING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	·TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$70	\$0	\$70	11/07/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown

B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Page 1 of 3

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	Application No.	Applicant(s)				
	10/033,732	CHEN ET AL				
Notice of Allowability	Examiner	Art Unit				
	David B. Thomas	3723				
The MAILING DATE of this communication apper All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this app or other appropriate communication GHTS. This application is subject to	lication. If not included will be mailed in due course. THIS				
1. 🛮 This communication is responsive to the RCE filed May 19	2005.					
2. The allowed claim(s) is/are 29,31-40,42,44,45 and 47-99.						
3. A The drawings filed on 27 December 2001 and 25 August 20	003 are accepted by the Examiner.					
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some c) None of the: 1. Certified copies of the priority documents have been received.						
2. Certified copies of the priority documents have	been received in Application No	·				
Copies of the certified copies of the priority doc	suments have been received in this r	ational stage application from the				
International Bureau (PCT Rule 17.2(a)).		1				
* Certified copies not received:						
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.						
 A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give 	tted. Note the attached EXAMINER's s reason(s) why the oath or declarate	S AMENDMENT or NOTICE OF ion is deficient.				
6. CORRECTED DRAWINGS (as "replacement sheets") must	be submitted.					
(a) ☐ including changes required by the Notice of Draftsperso		48) attached				
1) hereto or 2) to Paper No./Mail Date	• .	ŕ				
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date	Amendment / Comment or in the Of	fice action of				
Identifying Indicia such as the application number (see 37 CFR 1.8 each sheet. Replacement sheet(s) should be labeled as such in the	34(c)) should be written on the drawing e header according to 37 CFR 1.121(d)	s in the front (not the back) of				
 DEPOSIT OF and/or INFORMATION about the depos attached Examiner's comment regarding REQUIREMENT F 	it of BIOLOGICAL MATERIAL m OR THE DEPOSIT OF BIOLOGICA	ust be submitted. Note the L MATERIAL.				
Attachment(s)						
1. Notice of References Cited (PTO-892)	5. Notice of Informal Pa	tent Application (PTO-152)				
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. Interview Summary (I					
Information Disclosure Statements (PTO-1449 or PTO/SB/08 Paper No./Mail Date <u>herewith</u>	Paper No./Mail Date 7. Examiner's Amendment					
I. Examiner's Comment Regarding Requirement for Deposit	8. Examiner's Statemen	t of Reasons for Allowance				
of Biological Material	9. Other	11				
		David B. Thomas Primary Examiner Art Unit: 3723				

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Substitute	Substitute for form 1449A/PTO		Application Number	10/033,732	
•		Filing Date	December 27, 2001 .		
SUPPLEMENTAL INFORMATION				First Named Inventor	Chen, et al.
DISCLOSURE				Group Art Unit	3723
STA	STATEMENT BY APPLICANT		Examiner Name	David B. Thomas	
	(Use as many sheets as necessary)			Attorney Docket Number	AMAT/4100.Y4/CMP/CMP/RK
Sheet	1	ø	9	Submission Date	May 19, 2005

			U.S. PATENT	DOCUMENTS			
Examiner Cas		Document Number	Publication Date	Name of Patentae or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
CULTERES.	NG.	Number-Kind Code ² (S Month)	MIM-DQ-YYYY	Applicant of Cited Document			
137	A1	US-1,601,642	09/28/1928	Parker	\		
	A2	US-1,927,162	09/19/1933	Fiodlor, et al.			
	AS	US-2,112,691	03/29/1938	Crowder			
	A	US-2,240,265	04/29/1941	Nachtman			
	A5	US-2,392,687	01/08/1946	Necturnan	FAX\RECEIVED		
	A6	US-2,431,065	11/18/1947	Miller	1100 1 0 2005		
	A7	US-2,451,341	10/12/1948	Jemstedi	MAY\1 9 2005		
	AB	US-2,453,481	11/09/1948	Wilson	DEFICE OF PETITIONS		
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	All	US-2,457,510	12/28/1948	van Omum			
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	A17	US-2,460,022	08/23/1949	Hogaboom			
1537	A18	US-2,490,085	12/06/1949	Hoff	\		

		FORE	IGN PATENT	DOCUMENTS		
Examiner Cite No.1		Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines.	T ⁰
	Courtry Code [®] Harber [®] -Kind Code [®] (I tanown)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear		
137	81	EP 1 361 023	11/12/2003	Applied Materials		
1	82	JP 58-171264 (English abetract)	10/7/1983	Nitto Electric		X
$\Box I$	Вэ	JP 81-079668 (English abstract)	4/23/1988	Fujitsu		×
2	B4	JP 61-265279 (English abstract) -	11/25/1988	Tahoku Melal Ind. Ltd.		X
1957	BS	JP 83-028512 (English abstract)	2/6/1988	Hilachi Ltd.	7	X

EXAMPLER: Initial 8 inference considered, whether or not citation is in conformance with MPEP 609. Draw the through citation 8 not in conformance and not considered, broked copy of this form with need communication to expectant. • Applicants unique citation designation number (aptional), a See Kinds Codes of USPTO Patent Documents of www.uspio.gov or MPEP 601.04, a Enter Office that issued the document, by the swo-toner code (MPO Standard ST.3), a For Japanese patent documents, the indication of the year of the Emparer must procede the sarial number of the patent document, divid of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible, a Applicant is to place a check must here if English tarquings Transistion is attached.

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Under the Page mark Reduction ACLIS 1979, no persons are recovered to respond to a competition of indigence or visid DMS control number. 10/033,732 Substitute for form 1449A/PTO Application Number Filing Date December 27, 2001 SUPPLEMENTAL INFORMATION First Named Inventor Chan, et al. DISCLOSURE **Group An Unit** STATEMENT BY APPLICANT David B. Thomas Examiner Name AMAT/4100.Y4/CMP/CMP/RK **Attorney Docket Number** (Use as many cheets as necessary)

Submission Date

			U.S. PATENT	DOCUMENTS			
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where		
Initiats*	No.'	Number-Kind Code ^{8 or tream}	MM-DD-YYYY	- Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
1257	A1D	US-2,495,695	01/31/1950	Carnin, et at	\		
	A20	U\$-2,500,205	03/14/1950	Şchester .			
	A21	US-2,500,206	03/14/1950	Schaeter, et al.			
	A22	US-2,503,863	04/11/1950	9e4			
	A23	US-2,508,794	05/09/1950	Kennedy, et al.	FAX RECEIVED		
	A24	US-2,509,304	05/30/1950	Klein	.\		
	A25	US-2,512,328	06/20/1850	Haye	MAY 1 9 2005		
	A28	US-2,517,907	08/08/1950	Milates	05707.00		
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	A28	US-2,530,877	11/21/1950	Berkenkelter, et al.	• \		
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		FORE	IGN PATENT	DOCUMENTS		
Examinor Cito No.'		Foreign Patent Occument	Publication Date	Name of Palentee or	Pages, Columns, Lines,	Τ [¢]
	Country Code ¹ -Humber ¹ -H2nd Code ² (E known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear		
137	86	JP 05-277957 (English abstract)	10/26/1993	Nippon Micro Koolsingu IOK		x
T	67	JP 10-008213 (English abstract)	1/13/1999 -	Tokyo Selmitsu Co Lld		x
	88	JP 2870537 (English abstract)	3/17/1999	NEC Carp		×
7	B39	JP 11-239961 (English abstract)	7/9/1989	NEC Corp		×
735	B10	JP 2000-216513 (English stustract)	8/8/2000	NEC Corp	7	X

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			U.S. PATENT	DOCUMENTS			
Examiner	Cite	Occument Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
iniliada"	No."	Number-Kind Code ^{2 (3 texas)}	MM-DD-YYYY	Applicant of Cited Document			
057	A37	US-2,560,534	07/17/1951	Adler			
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1.	A48	US-2,648,398	07/21/1853	Henderson			
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			FORE	IGN PATENT	DOCUMENTS		
	Examiner		Foreign Patent Document ·	Publication Date	Name of Patentee or	Pages, Columns, Lines,	Τ ⁴
initials*		No.1	Country Code Humbs (-Kind Code (# known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
100	7	B11	JP 2001-179811 (English abstract)	7/3/2001	NEC Corp		X
		B12	JP 2001-244223 (English abstract)	9/7/2001	Hitachi Chem Co Ltd		x
		B13	KR 2003-037158 (English abstract)	E/12/2003	Samsung Electronics Co.		x
		B14	WO 93/15879	8/19/1993	3M Co.		
187	77	B15	WO 00/59682	10/12/2000	Nu Tool, Inc.		
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Sheet	4	0		Submission Date	May 19, 2005
(Use as many sheets as necessary)			9)	Attorney Docket Number	AMAT/4100.Y4/CMP/CMP/RK
STATEMENT BY APPLICANT			ANI	Examiner Name	David 8. Thomas
DISCLOSURE		Group Art Unit	3723		
SUPI	PLEMENTAL I		ATION	First Named Inventor	Chen, et al.
				Filing Date	December 27, 2001
Substitute for form 1449A/PTO		Application Number	10/033,732		

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initials.	No.1	Number+Gnd Code ^{8 (6 hours)}		IM-DD-YYYY		Applicant of Cited Document	Relevant Passages or Relevant Figures Appear			vanl
1007	A55	US-2,684,839	07	/27/1954	G	980	h			
	AS8	US-2,689,215	09	/14/1954	81	ı,	\prod			
	A57	US-2,695,269	11	/23/1954	de	Mys et al.				
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	A59	US-2.898,832	01,	01/04/1995		MANSON	Γ	7.	111/ 1 - 1	
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	A69	U6-3,942,959	63	09/1976						
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		FO	RE	IGN PATEN	ıΤ	DOCUMENTS	'			
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1837	816	WO 01/88229		11/22/2001		ACM Research		$\overline{}$		
217	B17	WO 03/001581		1/3/2003		Micron Technology				
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Under the Passengan Reduction Act of 1995, im personn are required to respond to a collection of information unless it displays a valid ONR covered number. 10/033,732 **Application Number** Substitute for form 1449A/PTO Filing Dale December 27, 2001 SUPPLEMENTAL INFORMATION First Named Inventor Chen, et al. DISCLOSURE **Group Art Unit** 3723 STATEMENT BY APPLICANT Examiner Name David B. Thomas Attorney Docket Number AMAT/4100.Y4/CMP/CMP/RK (Use as many sheets as necessary) Sheet ď 9 Submission Date May 19, 2005

			U.S. PATENT	DOCUMENTS			
Examiner Initiate	Cite No.	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where		
Dritt ARES	NO.	Number-Kind Code ^{‡ (5 trans)}	MM-DD-YYYY	Applicant of Clad Document	Relevant Passages or Astevant Figures Appear		
07	A73	US-4,119.615	10/10/1978	Costalds			
	A74	US-4,312.716	01/26/1982	Maschier, et al.			
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0	A89	US-5,476,435	12/26/1995	Murphy, et al.			
1/117	A90	US-6,580,763	10/01/1996	Schnabel et al.	<u> </u>		

		FORE	IGN PATENT	DOCUMENTS		
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				Filing Date	December 27, 2001	Γ
SUPPLEMENTAL INFORMATION				First Named Inventor	Chen, et al.	Ī
DISCLOSURE		Group Art Unit	3723	Ī		
STATEMENT BY APPLICANT			INT	Examiner Name	David B. Thomas	
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initials*	No.'	Number-Kind Code"	MM-00-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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	DISCLOSURI	-		Group Art Unit	3723	Ī
STA	ATEMENT BY APP	LIC	ANT	Examiner Name	David B. Thomas	Ī
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	A111	U\$-6,656,019	12/02/2003	Chen, et al.	
- T	A112	US-6,685,548	02/03/2004	Chen, el al.	
	A113	U9-6.739,951	05/25/2004	Sun, et al.	_
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	DISCLOSUR	_		Group Art Unit	3723	Ī
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BY	A127	U\$-2003/0114087	06/19/2003	Duboust, et al.	•
71	A128	US-2003/0116446	06/26/2003	Sun, et al.	
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	A130	US-2003/0213703	11/20/2003	Wang, et al.	
1000	A131	US-2003/0220053	11/27/2003	Manens, et al	
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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(6), volume-issue number(s), publisher, city and/or country where published	T ²
Pm	C1	PCT Written Opinion dated April 1, 2003 for PCT/US02/11009. (4100 EP 02)	
1 -	C2 .	Notification of Transmittal of International Preliminary Examination Report dated November 10, 2003 (4100 EP 02)	
	СЗ	European Search Report for 03252801.0, dated January 16, 2004 (7047 EP).	
	C4	Communication pursuant to Article 95(2) EPC for Application No. 02728965.4, dated June 11, 2004 (4100 EP 02)	·····
	C5	Copy of Search Report Issued by the Austrian Patent Office for corresponding Singapore Patent Application No. 200302562-4, provided by letter dated October 7, 2004.	•
	Ç6	Invitation to pay additional fees dated November 11, 2004 (4100 P5 PCT)	
	C7 .	Notification of Transmittal of International Search Report and Written Opinion dated February 21, 2005 (4100 PCT)	•
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1	C9	PCT International Search Report and Written Opinion dated April 28, 2005 for PCT/US04/037870. (AMAT/4100PC09)	
	C10	Alexander, Jr., "Electrically Conductive Polymer Nanocomposite Materials", http://www.afrihorizons.com/Briefs/Sept02/ML0206.html, Date Unknown	
1037	C11	Contolini, "Electrochemical Planarization of ULSI Copper," Solid State Technology, Vol. 40, No. 6, June 1, 1997	
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"EXAMINER: Initial of reterence consistence, whether or not classes is in conformance with MPEP 609. Draw the strongs classes is not in conformance and not consistence, include copy of this form with read communication to applicant. I Applicant's writine classes designation number (optional). 2 Applicant is to place a check much have if English burguage Translation is allested.

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Approved for use through 07/31/2008. OMB 0851-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO Complete if Known SUPPLEMENTAL INFORMATION Application Number 10/033,732 Filing Date **DECEMBER 27, 2001** DISCLOSURE CHEN, ET AL First Named Inventor STATEMENT BY ARPLICAN Art Unit 3723 (Use as many sheets as necessary) **DAVID B. THOMAS** Examiner Name Sheet 1 of 1 AMAT/4100.Y4/PPC/CMP/RKK Attorney Docket Number

			U.S. PATENT I	DOCUMENTS	
Examiner	Cite	Document Mumber	Publication Date MM-DD-YYYY		Pages, Columns, Lines, Where Relevant
tration.	No.	Number - Kind Code ² (# known)			Passages or Relevent Figures Appear
זנוג	A1	US- 6,641,471	11/04/2003	PINHEIRO, ET AL	
	A2	US-6,322,422	11/27/2002	SATOU	
	A3	US- 6,296,557	10/02/2001	WALKER	
	M	US- 6,258,223	07/10/2001	CHEUNG, ET AL.	
7.1.	A5	US- 6,257,953	07/10/2001	GITIS, ET AL.	
777	A8	US-6,132,292	10/17/2000	KUBO	
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		Foreign Patent Document	IGN PATENT DO	1	Pages, Columns, Lines,	Г
Examiner Initiats*	Cite No.'	Country Code ³ - Number ⁴ - Kind Code ³ (if known)	Publication Date MM-00-YYYY	Name of Patentee or Applicant of Citad Document	Where Relevant Passages or Relevant Figures Appear	14
137	B1	JP 06-047678 (English Abs.)	02/22/1994	Kawasaki Steel Corp.		X
T	B2	JP 11-216663	12/12/2000	Sony Corp.		
737	83	WO 00/71297	11/30/2000	Lam Research, Corp.		

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"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \(^1\) Applicant's unique citation designation number (optional). \(^2\) See Kinds Codes of USPTO Patent Documents at www.usato.gov or MPEP 901.04. \(^2\) Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \(^2\) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \(^3\) Kind of document by the exportation properties symbols as indicated on the document under WIPO Standard ST. 16 if possible. \(^3\) Applicant is to place a check mark here if English language.

This collection of information is required by 37 CFR 1.97 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Three wild vary depending upon the information case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. OO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Sheet 1

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PTO/S8/08a (08-03) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it contains a valid CMB control number.

Substitute for form 1449A/PTO

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

of 1

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/033,732				
Filing Date	DECEMBER 27, 2001				
First Named Inventor	CHEN, ET AL.				
Art Unit	3723				
Exeminer Name	DAVID B. THOMAS				
Attorney Docket Number	AMAT/4100.Y2/CMP/CMP/RKK				

		_	U.S. PATENT	DOCUMENTS	
Exeminer	CI-	Document Number	Publication Date MM-DD-YYYY	Name of Patenies or Applicant of	Pages, Columns, Lines, Where Relevant
trállata .	Cite No.1	Number - Kind Code ² (# Imawa)		Cited Document	Passages or Relevant Figures Appear
<u> 1)57</u>	A1	US-5,674,122	10/07/1997	Krech	
	A2	US-6,372,001	04/16/2002	Omar, et al.	
	2	US-6,379,223	04/30/2002	Sun, et at.	
	A4	US-6,413,388	07/02/2002	Uzoh, et al.	
037	A5	US-2003/0013397	01/16/2003	Rhoades	
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		FOREIGN PA	TENT DOCU	IMENTS		
Examiner Initials*	Cite	Foreign Patent Document	244-4	Name of Palentes or	Pages, Columns, Lines,	
	No.1	Country Code ³ - Number ⁶ - Kind Code ⁶ (# known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	Τ°
dist	B1	JP 2002-334858 (English abstract)	11/22/2002	Uchiyama, et al.		X
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"EXAMPLE: Initial if reference considered, whether or not citation is in conformance with MPEP 6019. Draw line through classon if not in conformance and not considered, whether copy of his form with next communication to applicant. "Applicant survives distinguished number (options)." See Minds Codes of USPTO Patent Documents at however, or MPEP 801.04. "Enter Office that issued the document, by the two-fatter code (WIPO Standard ST.3)." For Japanese patent document, be indication of the year of the reign of the Emperor must pracede the sentst number of the patent document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 il possible." Applicant is to place as other marks here if English language Translation is statehod.
This collection of information is required by 3T CFR 1.97 and 198. The information is required to obtain or retain a benefit by the public which is to life (and by the USPTO to process) an application. Confidentality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gethering, preparing, and submitting the completed explication form to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this town endors uppeals on the recting this burdon, should be sent to the Crist Intermetion Officer, U.S. Petent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Abasendria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patenta, P.O. Box 1450, Abasendria, VA 22313-1450.

If you send exists set in complexing the form, call 1-600-970-9199 and select option 2.

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A, ant(s)/Patent Under Reexamination 10/033,732 **CHEN ET AL** Notice of References Cited Art Unit Examiner Page 1 of 1 David B. Thomas 3723

Application/Control No.

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-6,736,952 B2	05-2004	Emesh et al.	205/81
	В	US-6,572,755 B2	06-2003	Ernesh et al.	205/137
	С	US-			
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FOREIGN PATENT DOCUMENTS

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NON-PATENT DOCUMENTS

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*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office PTO-892 (Rev. 01-2001)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Chen, et al.

Serial No.: 10/033,732

Confirmation No.: 7456

Filed: December 27, 2001

Conductive Polishing Article for

Electrochemical Mechanical Polishing

Commissioner for Patents P.O. Box 1450 Alexandria, VA. 22313-1450

Dear Sir:

Group Art Unit:

3723

David B. Thomas Examiner:

COPY

CERTIFICATE OF MAILING

37 CFR 1.8

I hereby certify that this correspondence is being deposited on May 12, 2003, with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, P.O. Box 1450, Alexandria VA, 22313-1450.

05/12/2005

Signature

PROPOSED AMENDMENT TO THE DRAWINGS

Applicant proposes amendment of the drawings as described below and request permission to provide substitute drawings incorporating the amendments for reasons discussed below.

IN THE DRAWINGS

Applicants propose amendment of the drawings to correct errors noted subsequent to filing the application. Applicants have submitted the proposed corrections marked in red on the attached copy of the respective original drawings filed in the application. The proposed corrections conform the drawings to the written description of the invention without adding new matter. The area to be amended is

Atty. Dkt. No.: AMAT/4100.P1/CMP/CMP/RKK

defined by the dashed red line box and the amended aspects of the drawings are shown in greater detail in the accompanying enlarged drawing of Figure 2 to indicate the proposed changes.

Please amend and admit Figure 2 as shown in the attached sketches.

REMARKS

Figure 2 indicates proposed amendments to remove erroneously included matter contacting a substrate 114 surface to be polishing on a polishing article 205. Support for the change can be found in the specification, for example, at paragraphs [0055] and [0056], and references to Fig. 2.

Applicants respectfully submit that the proposed amendments do not introduce new matter or remove helpful description of the invention. Approval of the amendments is respectfully requested.

Respectfully submitted,

Brian K. Hrna

Registration No. 41,852

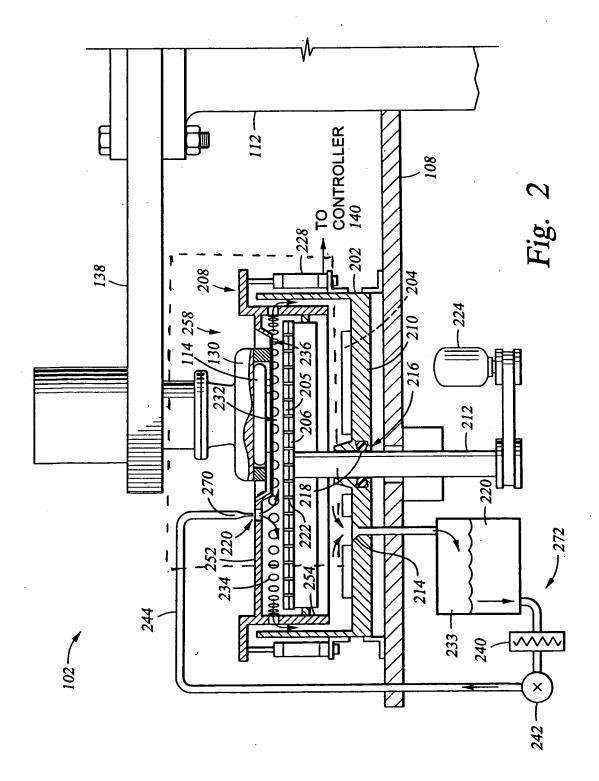
MOSER, PATTERSON, & SHERIDAN L.L.P.

3040 Post Oak Blvd., Suite 1500

Houston, TX 77056

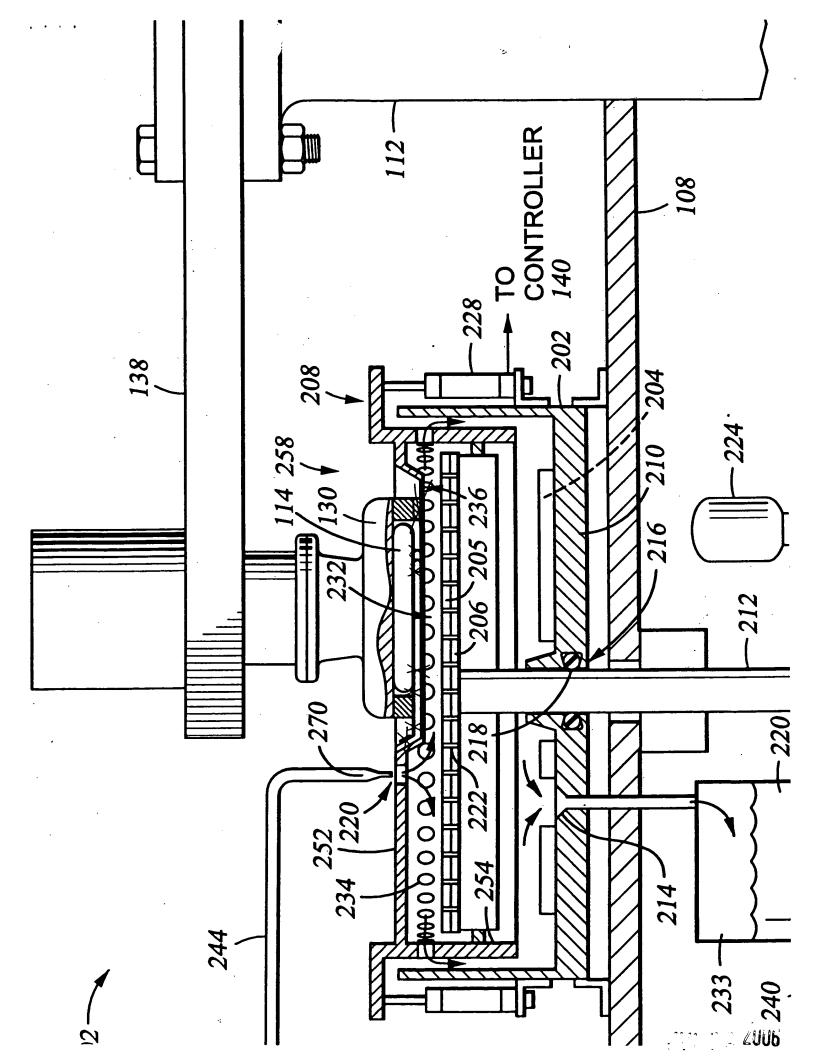
Telephone: (713) 623-4844 Facsimile: (713) 623-4846 Attorney for Applicant(s)

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Thu 3 a 2006



DOCKET NO.: HMAT HOO. PI CARPCAR KK. SERIAL NO.: 10 / 633,732. FILED: Jecomber 27,200/ APPLICANT: Hopier Nationals frc. INVENTOR: Chan, et al.	The Patent & Trademark Office acknowledges and has stamped hereon the date of receipt of the items checked below which were mailed		LISSUE FEE - BASE/BALANCE ALLETTER - CHARGE DEPOSIT ACCOUNT LETTER TRADEMARK/SERVICEMARK APPLICATION TRADEMARK/SERVICEMARK APPLICATION PETITION / W March, Extension PRELIMINARY AMENDMENT RINFORMATION DISCLOSURE STATEMENT / Supplement RINFORMATION DISCLOSURE STATEMENT / Supplement RESPONSE TO BEFORE ACTION OF TIME THE SPONSE TO BEFORE ACTION OF TIME			
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United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS Alexandria, Virginia 22313-1450

NOTICE OF ALLOWANCE AND FEE(S) DUE

OPY

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APPLIED MATERIALS, INC. 2881 SCOTT BLVD, M/S 2061 SANTA CLARA, CA 95050

COMMETTER ENTERED

THOMAS, DAVID B

EXAMINER

ART UNIT 3723

CLASS-SUBCLASS 451-526000

JUL 2 1 2003

DATE MAILED: 07/15/2003

APPLICATION NO.	FILING DATE	FIRST MANCE INVENTOR	1	
	1	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/033,732	12/27/2001	Liang-Yuh Chen	AMAT/4100.P1/CMP/CMP/RI	KK 7456

TITLE OF INVENTION: CONDUCTIVE POLISHING ARTICLE FOR ELECTROCHEMICAL MECHANICAL POLISHING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1300	\$300	\$1600	10/15/2003

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status share

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

☐ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

	Application No.	Applicant(s)			
Notice of Allowability	10/033,732 Examiner	CHEN ET AL.			
	David B. Thomas	3723			
The MAILING DATE of this communication apperature All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate communication is subject to the subject of the subje	this application. If not included			
 This communication is responsive to <u>amendment B filed 1</u> The allowed claim(s) is/are <u>29,31-40 and 42-99</u>. 	<u>4 May 2003</u> .				
3. The drawings filed on are accepted by the Examine	r				
 4. ☐ Acknowledgment is made of a claim for foreign priority und a) ☐ All b) ☐ Some* c) ☐ None of the: 		f).			
1. Certified copies of the priority documents have	been received.				
2. Certified copies of the priority documents have	been received in Application	No			
 Copies of the certified copies of the priority doc International Bureau (PCT Rule 17.2(a)). 		-			
* Certified copies not received:					
5. Acknowledgment is made of a claim for domestic priority ur					
(a) The translation of the foreign language provisional a					
Acknowledgment is made of a claim for domestic priority ur	ider 35 U.S.C. §§ 120 and/or	121.			
Applicant has THREE MONTHS FROM THE "MAILING DATE" of to below. Failure to timely comply will result in ABANDONMENT of the comply will result in ABANDONMENT of the complex comply will result in ABANDONMENT of the complex c	this communication to file a rehis application. THIS THRE	eply complying with the requirements noted E-MONTH PERIOD IS NOT EXTENDABLE			
7. A SUBSTITUTE OATH OR DECLARATION must be subm NFORMAL PATENT APPLICATION (PTO-152) which gives reason	itted. Note the attached EXAN	MINER'S AMENDMENT or NOTICE OF ion is deficient.			
 CORRECTED DRAWINGS must be submitted. (a) ☐ including changes required by the Notice of Draftspers 1) ☐ hereto or 2) ☐ to Paper No 	on's Patent Drawing Review	(PTO-948) attached			
 (b) ☑ including changes required by the proposed drawing correction filed 14 May 2003, which has been approved by the Examiner (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No 					
(o) In modeling changes required by the attached Examiner s	Amendment / Comment of the	Title Office action of Paper No			
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet.					
DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.					
Attachment(s)					
 Notice of References Cited (PTO-892) Notice of Draftperson's Patent Drawing Review (PTO-948) ✓ Information Disclosure Statements (PTO-1449), Paper No. □ Examiner's Comment Regarding Requirement for Deposit of Biological Material 	12,15,17 4☐ Interview S 6☐ Examiner's 8☐ Examiner's 9☐ Other Joseph	unmary (PTO-413), Paper No Amendment/Comment Statement of Reasons for Allowance J. Hail, III atent Examiner			
		Center 3700			

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Chen, et al.

Serial No.: 10/033,732

Confirmation No.: 7456

Filed:

December 27, 2001

For: Conductive Polishing Article for

Electrochemical Mechanical

Polishing

MAIL STOP AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 ω

Group Art Unit: 3723

Examiner:

David B. Thomas

COPY

CERTIFICATE OF MAILING

37 CFR 1.8

I hereby certify that this correspondence is being deposited on August 20, 2003 with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

August 20, 2003

Date

§

Signature

RULE 312 AMENDMENT AFTER ALLOWANCE

Following mailing of a Notice of Allowance on July 15, 2003, Applicants request entry of the following amendments.

Amendments to the claims begin on page 2. Amendments to the drawings begin on page 3. Remarks begin on page 4.

The Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/AMAT/4100P1/KMT for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

IN THE CLAIMS:

Please amend claim 31 as follows:

31. (Amended) The polishing article of claim [[29]] <u>32</u>, wherein the biasing member is a spring, a foam polymer, plastic tubing, an elastomer, or combinations thereof, and urges a compliant contact surface of the conductive element to electrically contact the substrate disposed on the polishing surface.

IN THE DRAWINGS:

Please amend the drawings to replace Sheet 2/16 with the attached replacement Sheet 2/16. The notice of allowance shows that the Examiner has approved a correction to Sheet 2/16 and Applicant is now required to replace Sheet 2/16.

REMARKS

This amendment is filed to correct an error in the dependency of Claim 31 to provide sufficient antecedent basis.

Additionally, attached please find Replacement Sheet 2 of the formal drawings with a gummed label identifying the application for which it is submitted. The Examiner is requested to substitute this formal drawing in view of the proposed drawing corrections filed May 14, 2003, which has been approved by the Examiner.

Applicants believe that no fees are due in filing this response. Applicants believe that no new matter has been introduced in this response. Entry of the amendment is respectfully requested.

Respectfully submitted,

Keith M. Tackett

Registration No. 32,008

Attorney for Applicant

Moser, Patterson & Sheridan, L.L.P.

3040 Post Oak Blvd., Suite 1500

Houston, Texas 77056

Telephone (713) 623-4844

Facsimile (713) 623-4846

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REPLACEMENT SHEET AMAT/4100.P/CMP/CMP/RKK

TKT. NO.: FIAL NO.: U. FIL.

AMATIA 100. P/CMIF/TOKE 10/033,732 CONFIRMATIC 56
DECEMBER 27, 2001
APPLIED MATERIALS, INC.
CONDUCTIVE POLISHING ARTICLE FOR ELECTROCHEMICAL MECHANICAL

APPLICANT: TITLE:

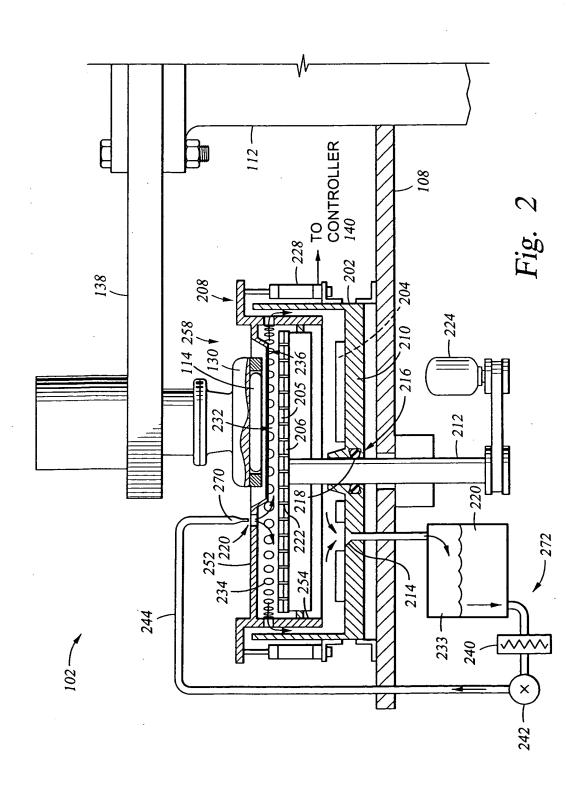
SHEET 2 of 16

INVENTOR:

L

POLISHING CHEN, ET AL.

2/16



		DEPRESSIMALE MAILLOG# 14793	□ PETITION □ PRELIMINARY AMENDMENT □ INFORMATION DISCLOSURE STATEMENT □ REQUEST FOR EXTENSION OF TIME □ RESPONSE TO □ SPECIMENS □ SPECIMENS □ SMALL ENTITY □ CHECK # IN THE AMOUNT OF \$	INT ACTER ALOWANCE CONTRIBUTION ACTERS - OATH/DECLARATION SIND. CLSFEE \$ FEE \$ FEE \$ FEE \$ FEE \$ FET(S) OF DRAWING(S) FORMAL/INFOR ENT-RECORDAL FEE \$ FOR TION	SERIAL NO.: ANATHOO. PI CAMP CAMP KKC SERIAL NO.: 10 033, 732 FILED: December 27, 300 APPLICANT: NAPPLICANT: NAPPLICANT: NAPPLICANT: Chen, et al. INVENTOR: Chen, et al. The Patent & Trademark Office acknowledges and has stamped hereon the date of receipt of the Items checked below which were mailed through the stamped hereon the date of receipt of the Items checked below which were mailed AFFIDAVIT
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EXPRESSMAL# MAILLOG# 14793	PRELIMINARY AMENDMENT I PRELIMINARY AMENDMENT I INFORMATION DISCLOSURE STATEMENT I REQUEST FOR EXTENSION OF TIME RESPONSE TO SPECIMENS SMALL ENTITY CHECK # IN THE AMOUNT OF \$ IN	APPEAL NOTICE DECLARATION ISSUE FEE - BASE/BALANCE LETTER - CHARGE DEPOSITACCOUNT DIFFERMARK/SERVICEMARK APPLICATION	AFFIDAVIT AMENDMENT AFTER ATLOWANCE (RUCE 3)2) APPLICATION PAPERS - OATH/DECLARATION TOTAL CLS. IND. CLS. FEE \$ SHEET(S) OF DRAWING(S) FORMAL/INFORMAL ASSIGNMENT-RECORDAL FEE \$ BRIEF	DOCKET NO.: ANAT 4100 PI CMP CMP RKK SERIAL NO.: 10 033, 733 FILED: Dockmber 27 300 APPLICANT: Applied Makerials The . INVENTOR: Chan, et al. The Patent & Trademark Office acknowledges and has stamped hereon the date of receipt of the items checked below which were	and has stamped below which were